

## RUBBER OUTPUT IS \$215,000,000

About 70 Percent Comes from Plantations of "Middle East."

The estimated value of the world's rubber output in 1915, based on a price of 67 cents a pound, which is thought to be slightly under the actual figure, is approximately \$215,000,000, of which \$153,000,000 is attributed to the plantations of the middle east.

As these plantations have a total capitalization of about \$25,000,000, the estimate suggests, according to Consul Harry Campbell, Singapore, an average profit of about 50 per cent covering all plantations, both producing and nonproducing.

This would appear to be within the facts, he says, as many of the producing companies are reported to be reaping profits of 100 to 200 per cent. Figures supplied by Campbell to the department of commerce show that the production of plantation rubber in the east has increased from practically nothing to 70 per cent of the world's supply in the last ten years.

Figures also show that the production of rubber in the east last year was 54 per cent larger than the production of the entire world in 1906.

Campbell further points out that the production of wild rubber in Brazil shows little change for the ten year period in question.

## TACOMA WINNERS USED GOODYEAR CORD TIRES

Goodyear cord tires took first, third, fourth and fifth in the big northwestern auto racing event at Tacoma, Washington—the Montomathron and Golden Potlatch 300 mile trophy race. Fourteen of the big racers of the country were starters in this speedway classic of the Pacific coast—Rickenbacker, Henderson, Prier, Morgan, Taft, Sorenson, Johnson, Lewis, Chandler, De Palma, Milton, DeAlene, Oldfield and Latta. Five of these started the race on Goodyear cord tires—and four finished within the money.

Rickenbacker, winner of the trophy, driving a Maxwell, Goodyear equipped, completed the 300 mile run after a terrific grind at the rate of nearly 90 miles per hour, with only one stop for a tire change. As a precautionary measure he changed tires on the 54th lap, although no punctures or blowouts had been experienced.

Dave Lewis, in a Crawford, Ralph De Palma, driving a Mercedes, and Pete Henderson, a Maxwell, all on Goodyear tires, took third, fourth and fifth respectively. Lewis and De Palma stopped once for tires, while Henderson completed the entire 300 miles without a stop.

Jacob Hoeibach of Roxborough, Pa., is claimed to be the oldest man in the United States. He is now 105 years of age and has held his job for 32 years.

## NEW GRANT NOW ON THE MARKET

Better Lines and Better Equipment Found On the Late Models.

First glance at the new Grant "six" touring, unloaded by the Southern Motor company this week, shows a big improvement in the lines over the old model and the car has many refinements which make it one of the most attractive light "sixes" on the market. The hood is higher than in the 1916 model and there is a "straight line" effect from the top of the radiator cap to the fender. The designing artist has succeeded in getting a nice effect in the tonneau lines and there is grace all over the car.

The new car is equipped with the Stromberg carburetor and this is placed high on the motor, permitting the forcing of average streams without flooding the carburetor. The carburetor has been designed for the Grant and it is the claim of the Stromberg company that it will give unusual gasoline mileage.

The Stewart vacuum feed system has been introduced, taking the place of the old gravity flow. The tank is now located at the rear and there is much more room under the hood.

There were six cars in the first shipment received by the Southern Motor company but they are "going like hot cakes" and four were delivered within 24 hours of arrival. Other shipments are en route and manager David S. Rusek expects to be able to make immediate deliveries on all orders in the future.

## AUTOMOBILE FACTORY MODEL OF EFFICIENCY

Where 11,000 men produced 37,000 cars in 1915, today 7000 men are producing at the rate of 100,000 cars annually. Such is the record in efficiency that has been obtained in the Studebaker factories. Between 1915 and the present date, as experts visiting the plants have observed, a veritable transformation has taken place.

One of the wonders of the automobile industry has been the advent of large production, which brought with it the advantage of quantity purchasing at lower prices, and made advisable the introduction of machines that were expensive in first cost but more than paid for themselves within a year in the savings they effected. Quantity production not only permits of lower prices but also better values.

## HOGS AND CATTLE ARE BEING SHIPPED FROM CLOVIS

Clovis, N. M., Aug. 18.—Hogs and cattle are being shipped out of Clovis every day now. The reason given for this is the fact that feed is going up and the growers are anxious to get their feeders off their hands.

A car of hogs was shipped out of here recently and many cattle growers are shipping out.

## GERMANS USING GAS SUBSTITUTE

Proportions of Alcohol-Benzol Combustible Devised By Scientists.

Detailed information as to the alcohol-benzol mixture used in motors in Germany as a more economical fuel than gasoline recently appeared in the Le Progrès, a daily newspaper published at Lyons, France. The following translation was sent to Washington by J. E. Jones, the American consul at Lyons.

"An article appearing in Le Progrès, a daily newspaper published at Lyons, may be of interest in connection with the prevailing high prices of gasoline in the United States:

"Among the many efforts made by Germany to counter the effects of a blockade, one of special interest is the replacing of gasoline for automobiles by a mixture of alcohol and benzol. With the cessation of imports of gasoline into Germany the supplies of petroleum drawn from wells in Galicia proved inadequate for the needs of the central states. For this reason the German government instructed the technical department of the transportation service to seek a combustible that would effectively replace gasoline. The outcome of these experiments was the employment of a mixture of alcohol and benzol. Mercedes car of the 1914 touring model, having an ordinary carburetor, was used for experimenting purposes, with the following results:

Fuel—	Miles per hour of fuel.
Alcohol-benzol mixture:	
1 part benzol, 2 alcohol.....	4.68
1 part benzol, 3 alcohol.....	4.47
1 part benzol, 4 alcohol.....	4.31
1 part benzol, 5 alcohol.....	4.10
Benzol, pure.....	3.75
Gasoline, pure.....	2.20

Even if the alcohol be figured at before the war prices the use of such a mixture is an economy. One pint of gasoline costs \$4.50, benzol \$3.15, and alcohol 75c.

There remained, however, a serious drawback in connection with this mixture, and that was the difficulty in starting the automobile. This was overcome by installing on each car a small supplementary reservoir containing gasoline, benzine or ether, which is drawn upon when starting the car and the alcohol-benzol fuel then substituted. Germany now makes current use of this mixture, which is readily manufactured by distilling beets and coal tar, both of which products abound in that country.

## Beauty Hints For Women Motorists

As the theater season approaches the woman who has neglected her skin while motoring finds herself wishing that she could remove the tan makeup which she has acquired. For tan and other ravages of the sun and wind are not improved by a great extent under artificial light. And for the woman there is a consummation also desirably to be wished that she be able to exchange the material role for an indoor role without undervaluing her former avocation by her face, says Motor Age.

Tan, freckles and sunburn are no necessary evils, however. Carelessness is responsible for most of the ills that summer and outdoor sports seem to make the skin heir to. In warm weather the skin relaxes. The pores are more open, and hence more quickly clogged. In spite of this, you probably sit on the beach in the sun with no protection for your face or hair. Your hair becomes dry and sunburned. Your skin, aided by long motor trips in the dust and grime, also becomes dry and sunburned. But you can master, skin and live outdoors most of the time with only slight effect on your skin if you follow a few precautions.

One thing that hinders the prevention of freckles, tan and sunburn is the almost universal practice of using powder as a cure all. This is harmful rather than helpful, and especially so when care is not taken in the selection of the powder. Of course, the powder itself may not be harmful, but there is always a danger of clogging the pores with it, and this is as much to be avoided as clogging the pores with dust.

Powder is one of the first aid means of prevention, moreover. The addition of a little cold cream, followed by a light dusting with a pure powder, will protect the skin as no veil ever does without adding the discomforts of heat and closeness in its protection.

## FORD OUTPUT EXCEEDS HALF MILLION IN YEAR

On July 31, the Ford Motor company completed its 1915-16 year with a production of 537,921 cars. This volume of output and its distribution marks an achievement without any parallel in the history of the automobile industry. The building and distribution of these half million cars has brought a proportionate growth in every department of the Ford institution, and this enlargement culminated in the opening, August 1, of new direct company branches in 28 of the largest cities of the United States. When the Detroit factory established a goal of 500,000 cars on August 1, 1915, the Ford company had completed a production for 1914-15 of 290,000 cars and shared over \$15,000,000 with their retail buyers. Now the year recently closed has again seen the fulfillment of predictions in spite of an increase of sixty-six and two thirds per cent in the work set over the output of the previous twelve months.

To build these cars, the number of employees at the parent Ford factory has been increased to more than 23,000 at the present time while the payrolls of the branch factories and branches have grown to more than 12,000 names. The quantities of raw materials entering into a half million production of Ford cars are beyond the grasp of the average individual. First there is 200,000 tons of vanadium steel heat treated by special Ford processes, 2,000,000 each of wheels and tires, 51,850,250 square feet of rubber cloth material on the tops, 2,537,000 square feet of plate glass in the windshields with their stock in proportion. The volume of these materials has brought about methods in their handling and manufacturing operations which have worked distinctive Ford savings in production cost and these combined with new methods of distribution have made possible the remarkable reductions in Ford prices announced on August 1.

## GETS HIGH MILEAGE WITH NEW CARBURETOR

Roy Yonge, of Marker & Yonge, gave the Duffy-Beamer carburetor, which is handled by his firm, another hard test this week. He drove his Ford to Pleasant Butte dam and made several side trips, the speedometer recording 273 miles. Just 10 gallons of gasoline was used, giving an average mileage of 27.3 to the gallon.

The new carburetor is now in general demand all over the south and Marker & Yonge reports inquiries this week from Blaine, Globe, Miami, Silver City and other places.

## BUCK AGENCY DOING BUSINESS

Manager Ramming Secures a Temporary Salesroom On Mesa Avenue.

The El Paso Buick company made its bow to the motorists of El Paso on Monday, when manager Ramming took temporary offices with Wiseman & Driscoll at 608 Mesa avenue. He had intended opening with the Cactus motor company but the fire at the Cactus plant on Sunday compelled him to make a change in his plans.

Tom Lester, of Dallas, who looks after the Buick factory interests in the southwest, is in the city and will spend most of next week with the new Buick dealers.

Mr. Ramming states that the greatest fault he has to find right now is that the factory cannot send him the cars fast enough. The demand for the new Buick "four" has been exceptionally good and he has several orders booked ahead while the demonstrators are kept busy every day.

The new Buick "four" has 104 inches wheelbase and is unusually commodious for a five-passenger car. It has all the standard Buick equipment and the famous valve-in-head motor. The new "six" is an improvement over the 1915 line of "six sixes" and has many new refinements.

The valve-in-head motor of the Buick is the solution of gasoline prices, said Mr. Ramming. "This motor gives the maximum of power for the minimum of gasoline and the motorist gets full value for every cent he pays for his gasoline."

## FLYING START.

Crawford—Most of our big men rose from the bottom.

Crabshaw—Naturally. They got in on the ground floor.

## DORT MANAGER VISITING CITY

M. A. Leach Reports Good Business for Small Car on Coast.

M. A. Leach, who now holds the title of western sales manager for the Dort, was a visitor in El Paso this week, making his headquarters with the Toltek Motor company, the local dealers. Mr. Leach has been in California for several weeks and has placed distributing agencies for the popular Dort in both San Francisco and Los Angeles.

"Increased factory facilities enable us to go after the California business in real earnest," said Mr. Leach, "and I must say that the possibilities for the Dort in California are very good. The new models are now being shipped and the more commodious body, Westinghouse starting and lighting and the very latest and best accessories are putting the Dort in the quality class of the small cars."

"I found good business all over the western states. This has been my first trip in my new position and I am naturally feeling pretty good at the way the different dealers are turning in orders."

Mr. Leach resided in El Paso for several years and has a big circle of friends here. His rise in the automobile world has been rapid. Until a little over a year ago he had never sold an automobile. Then he got into the Dort retail field and made such a success that he was placed in charge of southwestern sales about six months ago. Six weeks ago he was again promoted and now has charge of all Dort sales west of Chicago.

A dollar saved by better goods produced elsewhere is a dollar thrown at your neighbor's birds.

## RETURNED FROM MEXICO



Julius B. Wood, war correspondent of the Chicago News, has returned to El Paso after spending several months with the Pershing expedition in Mexico. Mr. Wood traveled "in style" while in the neighboring republic. He used a specially equipped Dodge touring car and came back to El Paso with the same set of Lee puncture proofs he started on. The tires are all in good condition and are still capable of running several thousand miles, despite the flinty, cutting sands of the Mexican desert.

## BURGLARS THROW ROPE OVER TRANSOM; ROB HOME

Burglars entered the home of Carl Spinner, at 1317 East Nevada street, Friday afternoon and stole jewelry and clothing valued at \$200.

Entrance was made by throwing a rope through the transom into the adjoining room and then climbing up. Among the things stolen were two gold bracelets, a pair of cuff buttons, a watch, a stick pin and two small gold pins.

Great Britain spends \$2,000,000 daily for intoxicants.

New York city has the largest electric sign in the world.

## TO CARE FOR DELEGATES IN SANTA FE RESIDENCES

Santa Fe, N. M., Aug. 19.—Every hotel and boarding house room has been reserved for the Republican state convention next week, but the entertainment committee is compiling a list of rooms to be had in private homes, so that every visitor and delegate will be accommodated. Frank A. Hubbell has reserved 14 rooms in the DeVargas and other leading candidates have deemed it necessary to make large reservations also.

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